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PTO/SB/21 (05-03) Approved for use through 04/30/2003. OMB 0651-0031

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Total Number of Pages in This Submission

Application Number 10/517,769

Filing Date December 27, 2005

First Named Inventor Douglas John Thomson

Art Unit 2856

Examiner Name n/a

Attorney Docket Number 9157-58

Date

		ENCLOSURES (check all that apply)	
Fee Transmittal F	orm	Assignment Papers (for an Application)	After Allowance Communication to Group
Fee Attached		☐ Drawing(s)	Appeal Communication to Board of Appeals and Interferences
Amendment / Res	sponse	Licensing-related Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
After Final		Petition	Proprietary Information
Affidavits/dec	laration(s)	Petition to Convert to a Provisional Application	☐ Status Letter
Extension of Time	Request	Power of Attorney, Revocation Change of Correspondence Address	Other Enclosure(s) (please identify below):
Express Abandon	ment Request	☐ Terminal Disclaimer ☐ Request for Refund	·
☐ Information Disclo	sure Statement	CD, Number of CD(s)	
Certified Copy of Document(s)	Priority	Remarks	
Response to Miss Incomplete Applic	•		
Response to Parts under 3 1.52 or 1.53	•		
	SIGNA	TURE OF APPLICANT, ATTORNEY, O	R AGENT
Firm <i>or</i> Individual name	BERESKIN & PAR Stephen M. Beney Registration No. 4	R	
Signature	1	5	
Date	October 25, 2005		
		CERTIFICATE OF MAILING	

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Bereskin & Parr
INTELLECTUAL PROPERTY LAW OCT 2.6 2005

Appl. No

10/517,769

**Applicant** 

Douglas John Thomson et al.

Filed

December 27, 2004

Title

MEASURING STRAIN IN A STRUCTURE (BRIDGE) WITH A

TEMPERATURE COMPENSATED) ELECTROMAGNETIC

**RESONATOR (MICROWAVE CAVITY)** 

TC./A.U.

2856

Examiner

Docket No. :

9157-58

Honorable Commissioner for Patents P. O. Box 1450 Alexandria, Virginia 22313–1450

October 20, 2005

## **LETTER**

## Sir:

In accordance with 37 CFR 1.97 and 1.98, and in recognition of the duty of disclosure set forth in 37 CFR 1.56, the applicant hereby submits an information Disclosure Statement including a listing of patents of which the applicant is aware. In accordance with the requirements of 1.97(b)(1) and (3), this Information Disclosure Statement is filed within three months of the filing date of the application or before the mailing date of a first Office Acton on the merits, whichever event occurs last.

Respectfully submitted,

Bereskin & Parr

Stephen M. Beney

Reg. No. 41,563

Tel: 416 957 1697

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO Complete if Known NFORMATION DISCLOSURE 10/517,769 Application Number Filing Date December 27, 2004 STATEMENT BY APPLICANT First Named Inventor Douglas John Thomson Art Unit 2856 (Use as many sheets as necessary) **Examiner Name** N/A 9157-58 Sheet 3 of Attorney Docket Number

			U.S. PATENT	OCUMENTS	
Examiner Cite	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Initials *	Cite No. <sup>1</sup>	Number - Kind Code <sup>2</sup> (if known)			
		US- 3,909,713	09-30-1975	Billeter	
		US- 4,651,571	03-24-1987	McGlade	
		US- 4,843,346	06-27-1989	Heymann et al.	
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		US- 5,821,425	10-13-1998	Mariani et al.	
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Cite No.1	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	۳⁵	
		GB2212273	07-29-1989	Mr. Farley		
_		FR2700846	07-29-1994	Mr Brugidou	-	<del></del>
		JP60203828	10-15-1985	Toshiba		
		JP05264474	10-12-1993	Daipoole		
		DE2007447	09-17-1970	Decca		

Examiner	Date
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INICO			OL OCUDE	Application Number	10/517,769	
			CLOSURE	Filing Date	December 27, 2004	
STATEMENT BY APPLICANT		First Named Inventor	Douglas John Thomson			
				Art Unit	2856	
(Use as many sheets as necessary)			necessary)	Examiner Name	N/A	
Sheet	2	of	3	Attorney Docket Number	9157-58	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
		"Deployment of a fiber Bragg grating-based measurement system in a structural health monitoring application", M. D. Todd, G. A. Johnson and S. T. Vohra, Naval Research Laboratory, Code 5673, Washington, DC 20375, USA, Smart Mater, Struct. 10 (2001) 534-539.	:
		"Conceptual framework of a remote wireless health monitoring system for large civil structures", Darryll J. Pines and Philip A. Lovell, Department of Aerospace Engineering, University of Maryland, College Park, MD, USA in Smart Mater, Struct. 7 (1998) 627-636.	
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		William H. Hayt, Jr., "Engineering Electromagnetics", Fifth Edition, McGraw-Hill, Inc., pgs. 416–427.	
		John d. Kraus, "Electromagnetics", Fourth Edition, McGraw-Hill, Inc., pgs. 698–705.	
		David H. Staelin, et al., "Electromagnetic Waves", Prentice Hall, Upper Saddle River, New Jersey 07458, pgs. 336–349, 372–381, 390–401	
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		"Structural monitoring by curvature analysis using interfermetric fiber optic sensors", D. Inaudi, S. Vurpillot, N. Casanova and P. Kronenberg, Smart Mater, Struct. 7 No. 2 (April 1998) 199–208.	

Date
Date
Considered
Considered

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INCODRATIO	A DICCLOCUDE	Application Number	10/517,769	
	N DISCLOSURE	Filing Date	December 27, 2004	
STATEMENT BY APPLICANT		First Named Inventor	Douglas John Thomson	
		Art Unit	2856	
(Use as many s	sheets as necessary)	Examiner Name	N/A	
Sheet 3	of 3	Attorney Docket Number	9157-58	

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Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"Structural health monitoring of innovative bridges in Canada with fiber optic sensors", R. C. Tennyson, A. A. Mufti, S. Rizkalla, G. Tadros and B. Benmokrane, Smart Mater. Struct. 10 No. 3 (June 2001) 560–573.	
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Examiner Signature		Date Considered	

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